

Program EVALPLOT
(Version 2015-2)

by

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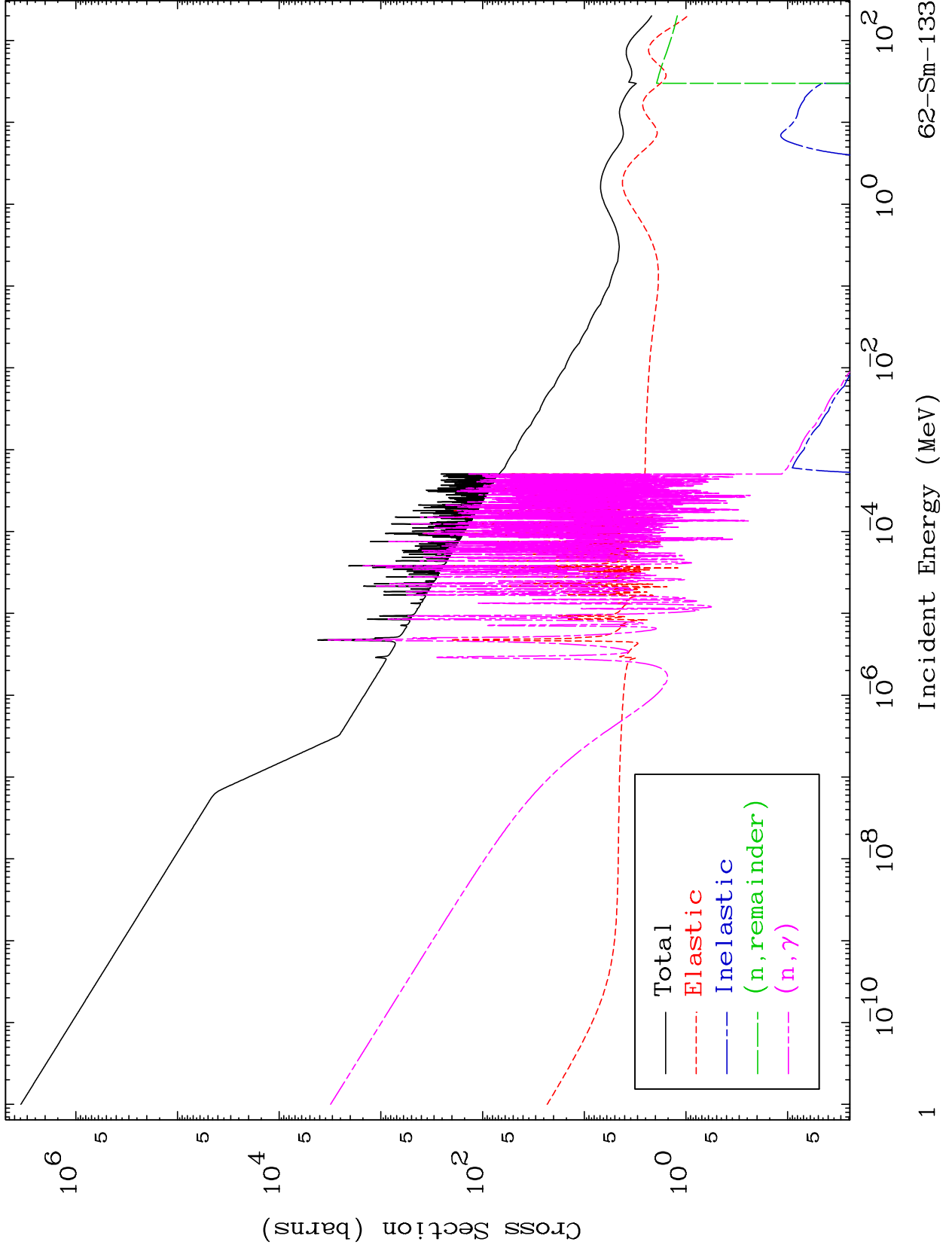
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 6193

Major
293 Kelvin Cross Sections

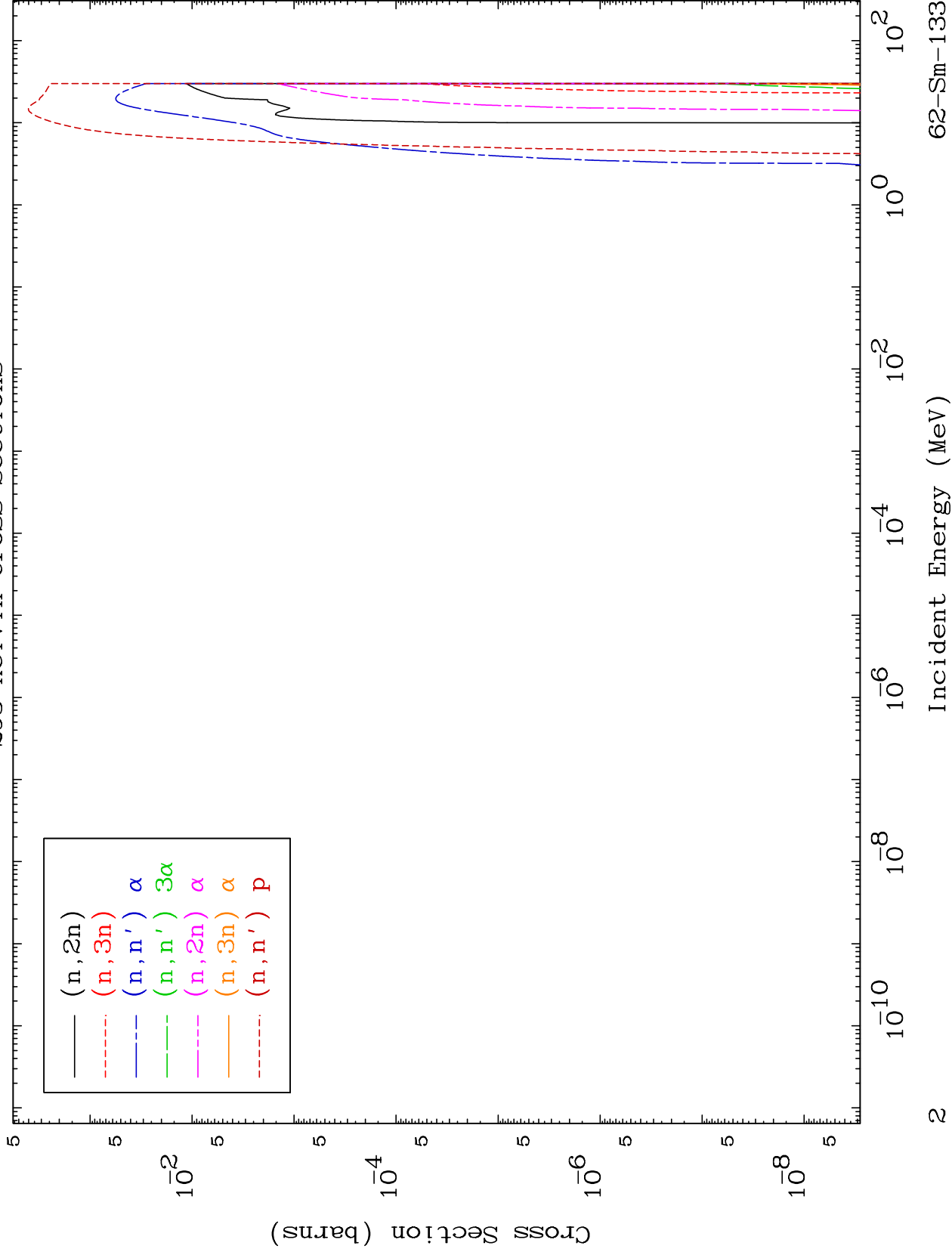
62-Sm-133



MAT 6193

Neutron Production
293 Kelvin Cross Sections

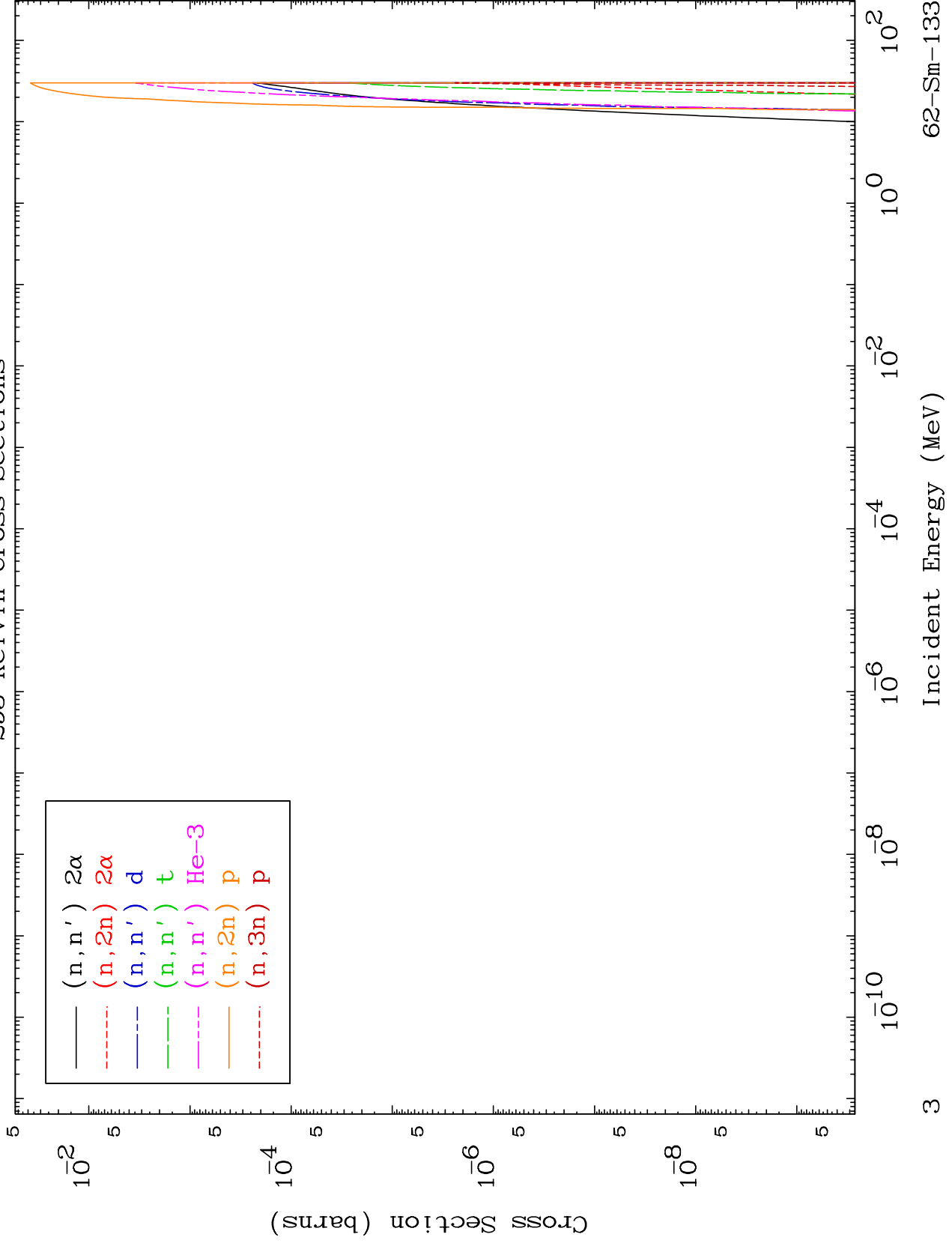
62-Sm-133



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Neutron Production
293 Kelvin Cross Sections

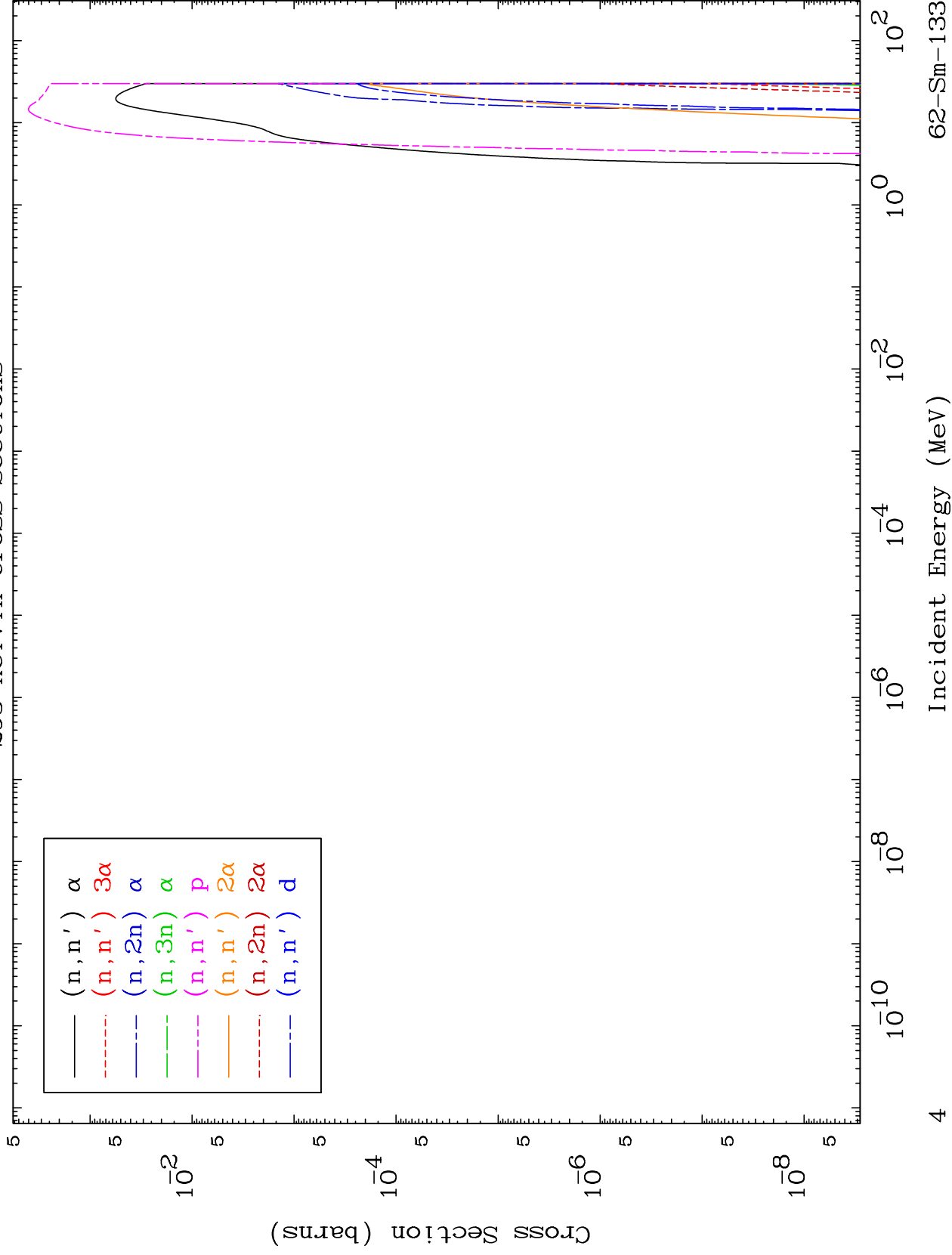
62-Sm-133

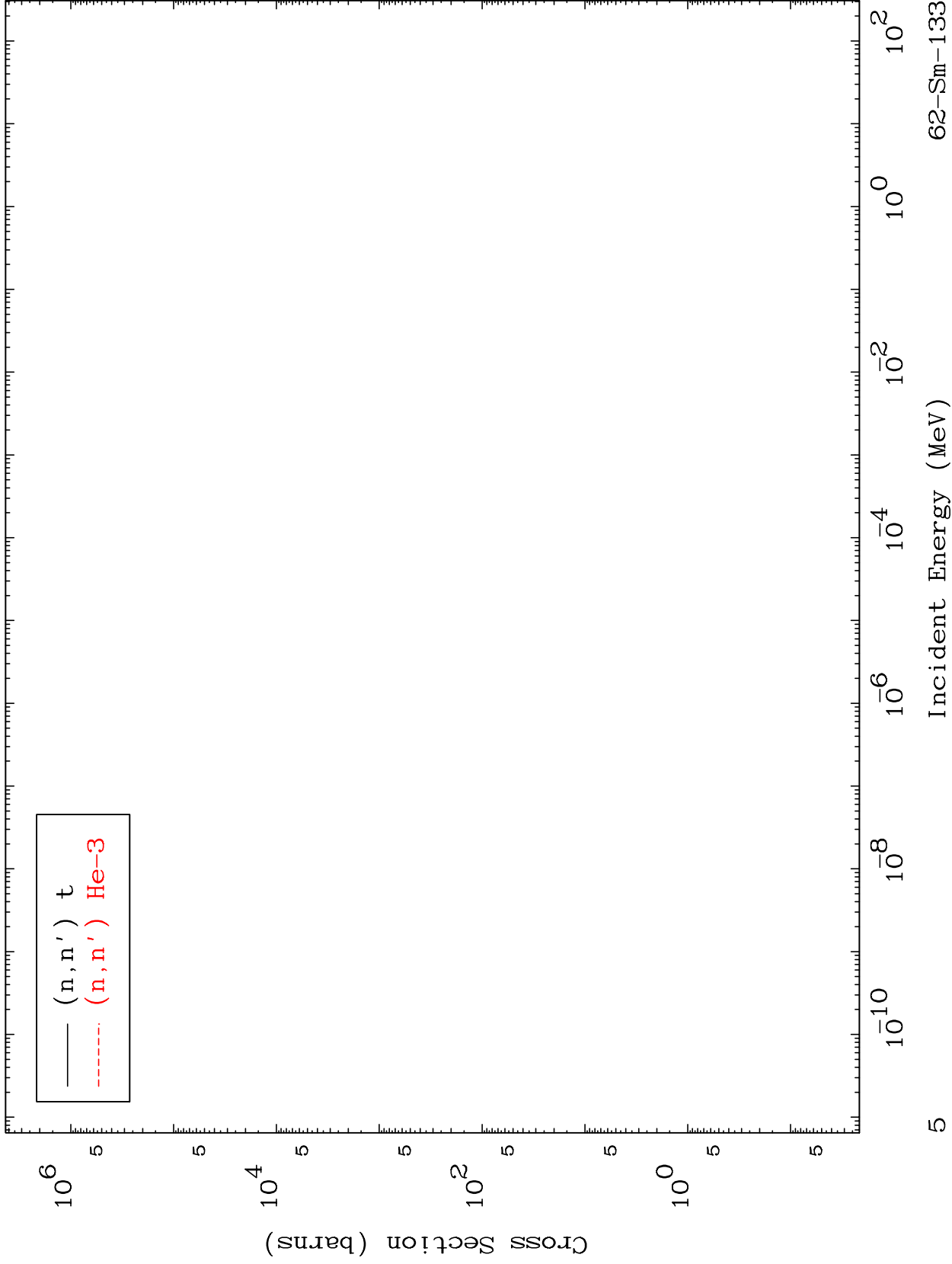


MAT 6193

Charged Particle
293 Kelvin Cross Sections

62-Sm-133

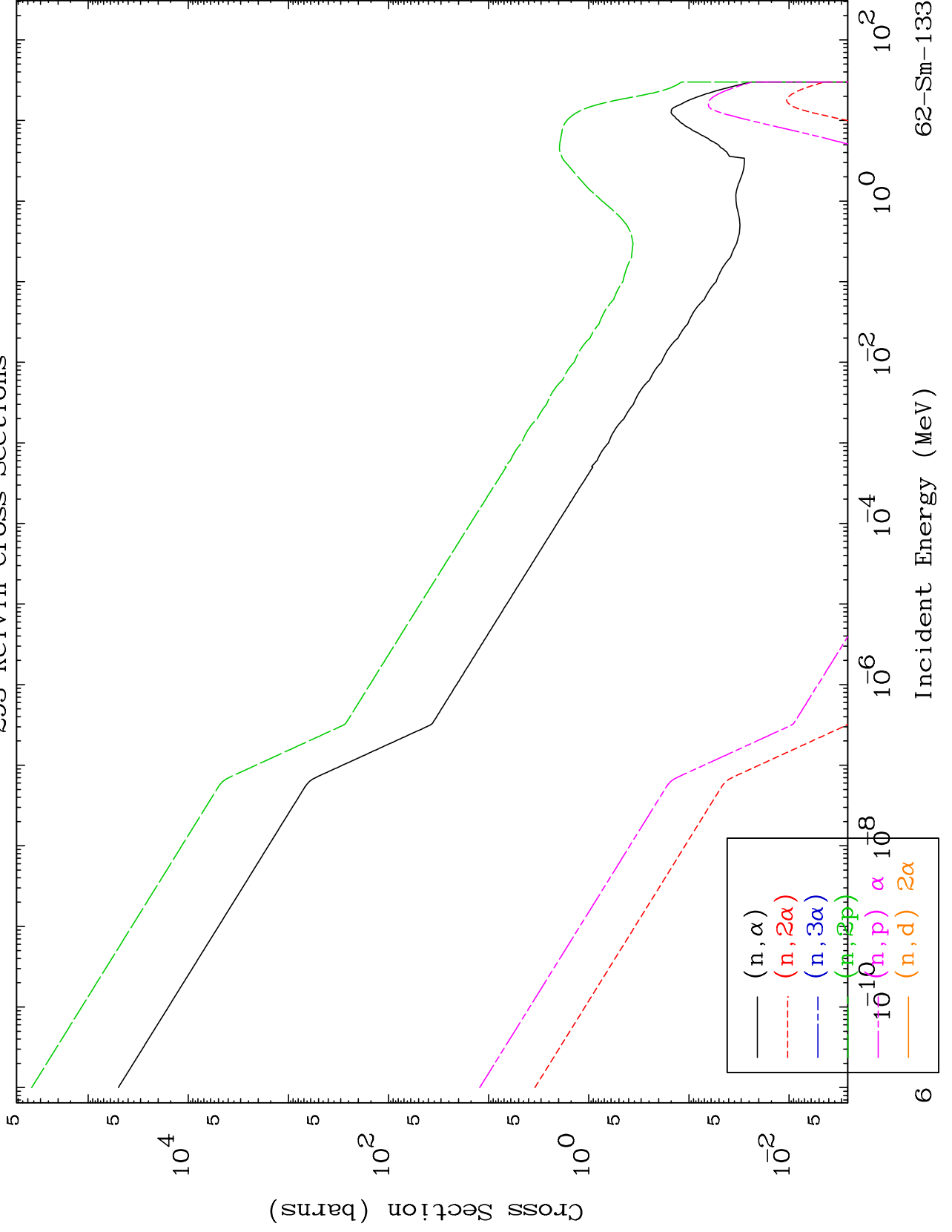




MAT 6193

Charged Particle
293 Kelvin Cross Sections

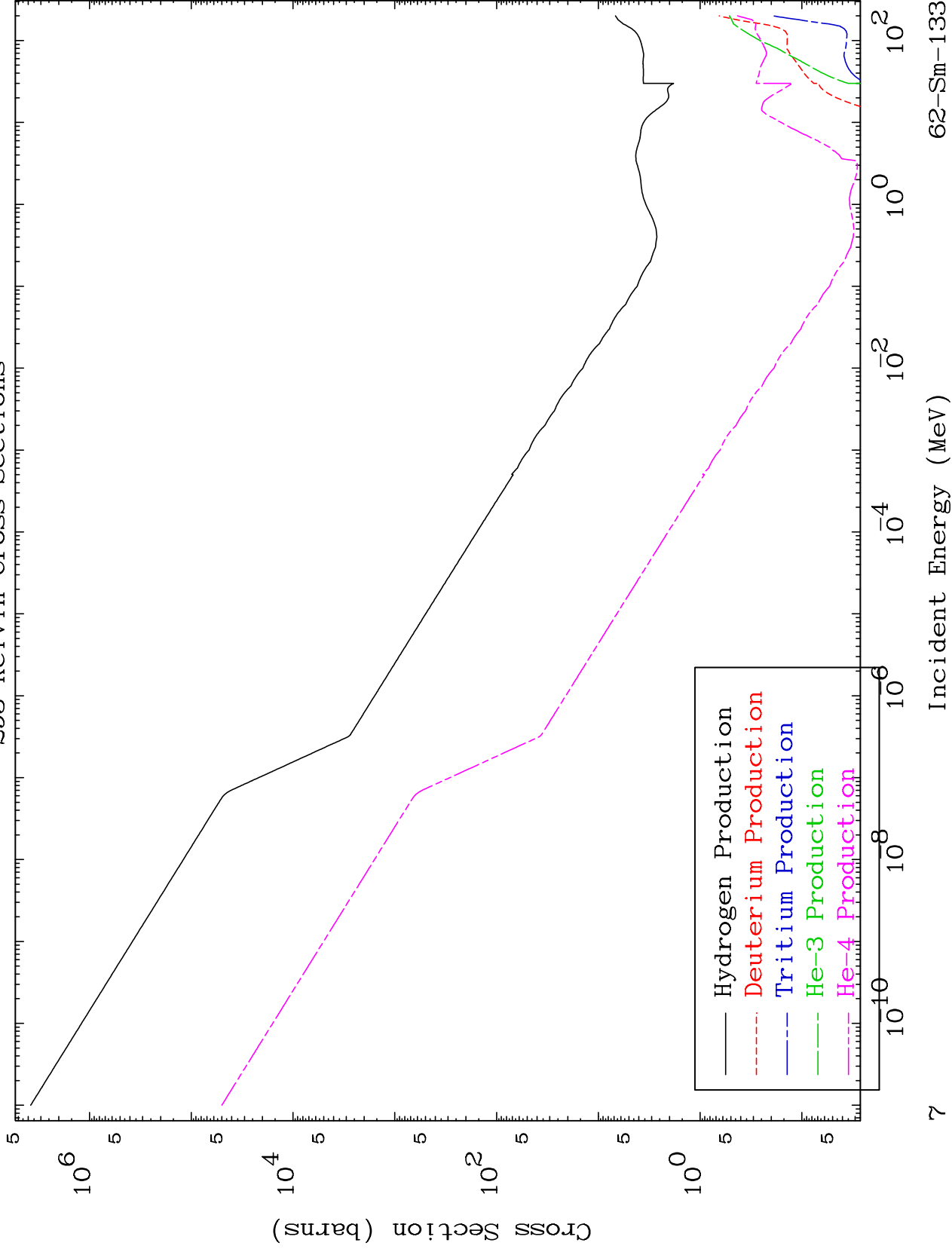
62-Sm-133



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Particle Production
293 Kelvin Cross Sections

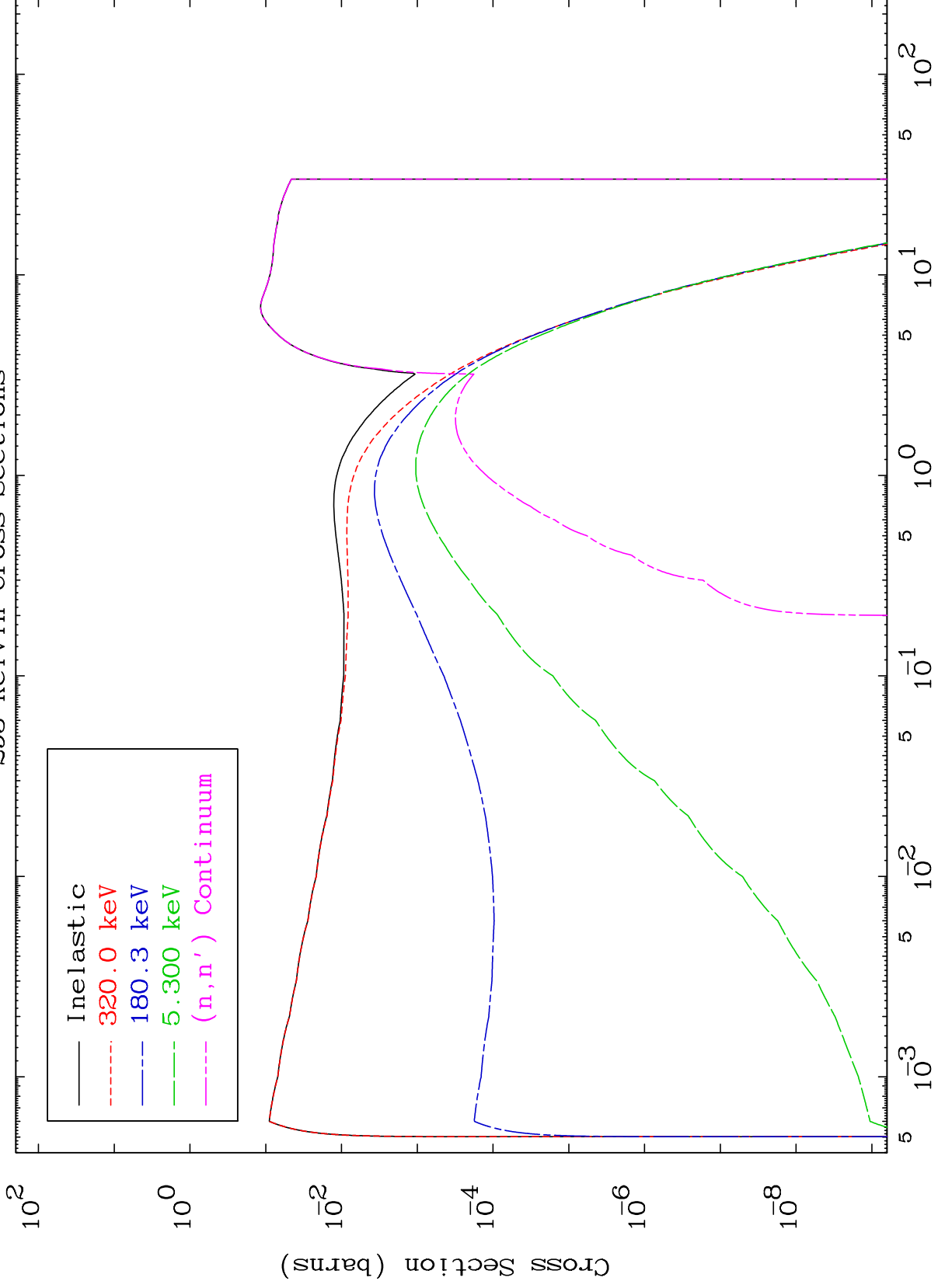
62-Sm-133



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(n,n') Level
293 Kelvin Cross Sections

62-Sm-133



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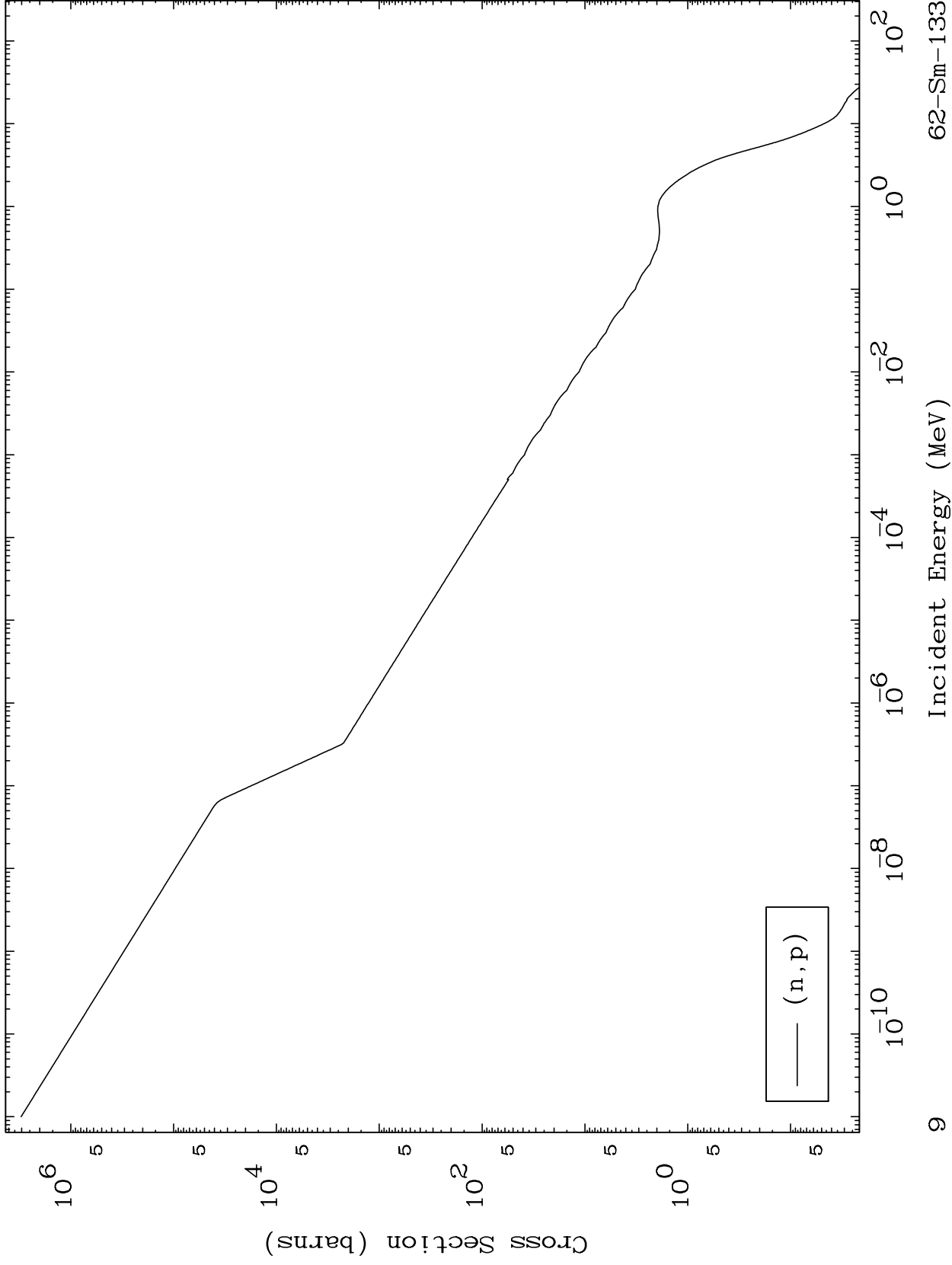
Incident Energy (MeV)

62-Sm-133

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(n,p) Levels
293 Kelvin Cross Sections

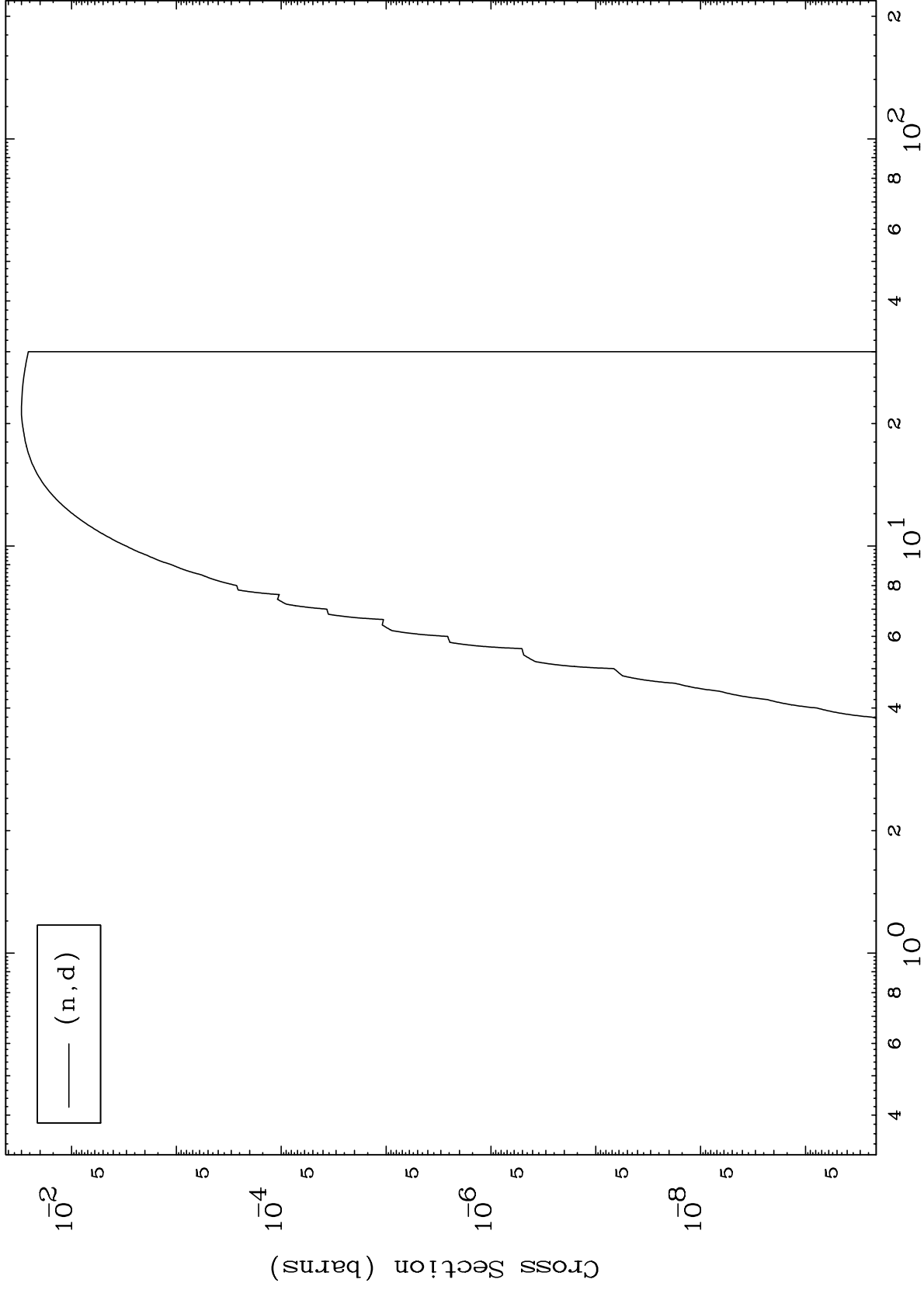
62-Sm-133



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62-Sm-133

(n,d) Levels
293 Kelvin Cross Sections



62-Sm-133

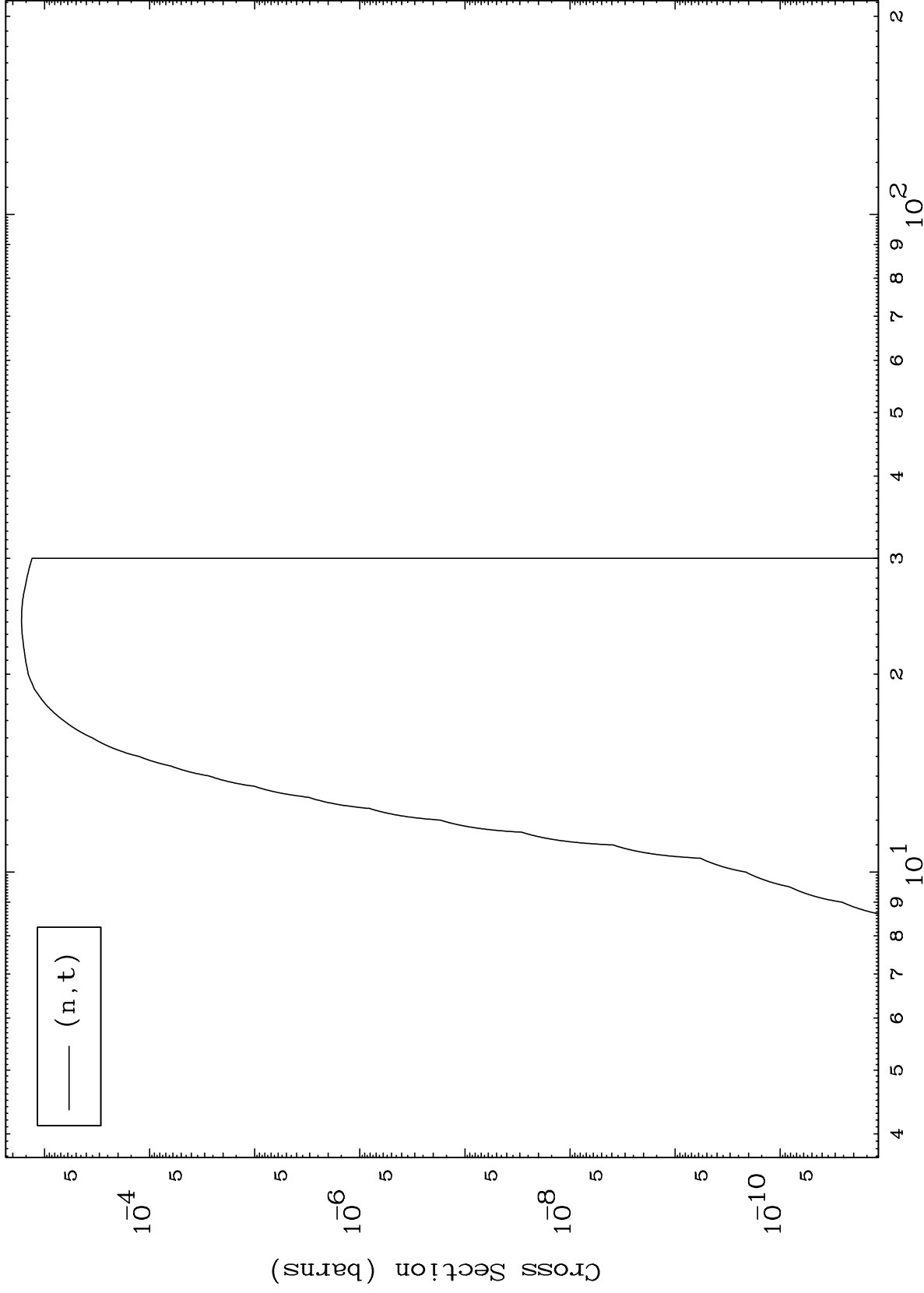
Incident Energy (MeV)

10

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(n,t) Levels
293 Kelvin Cross Sections

62-Sm-133



11

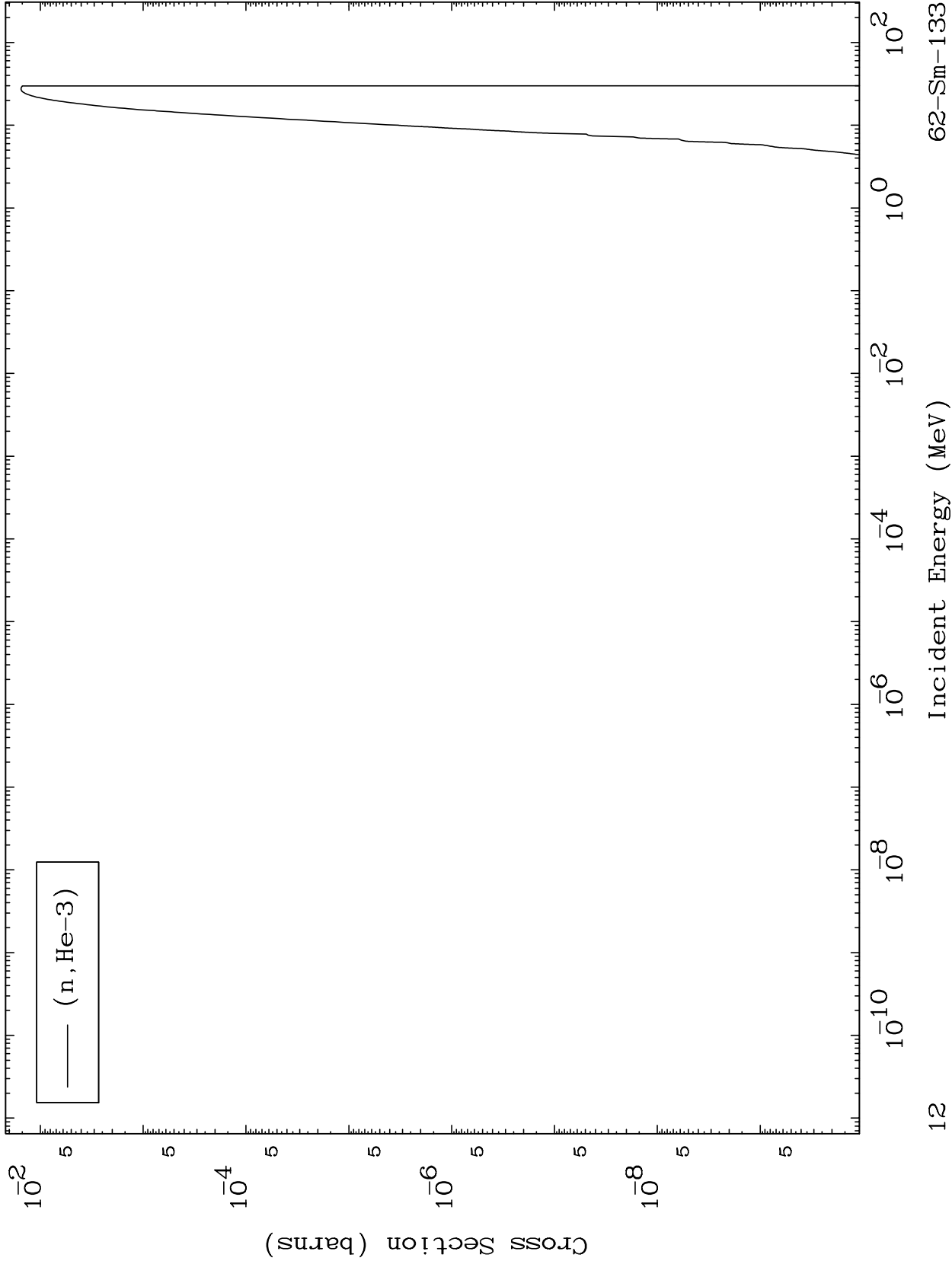
Incident Energy (MeV)

62-Sm-133

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(n,He3) Levels
293 Kelvin Cross Sections

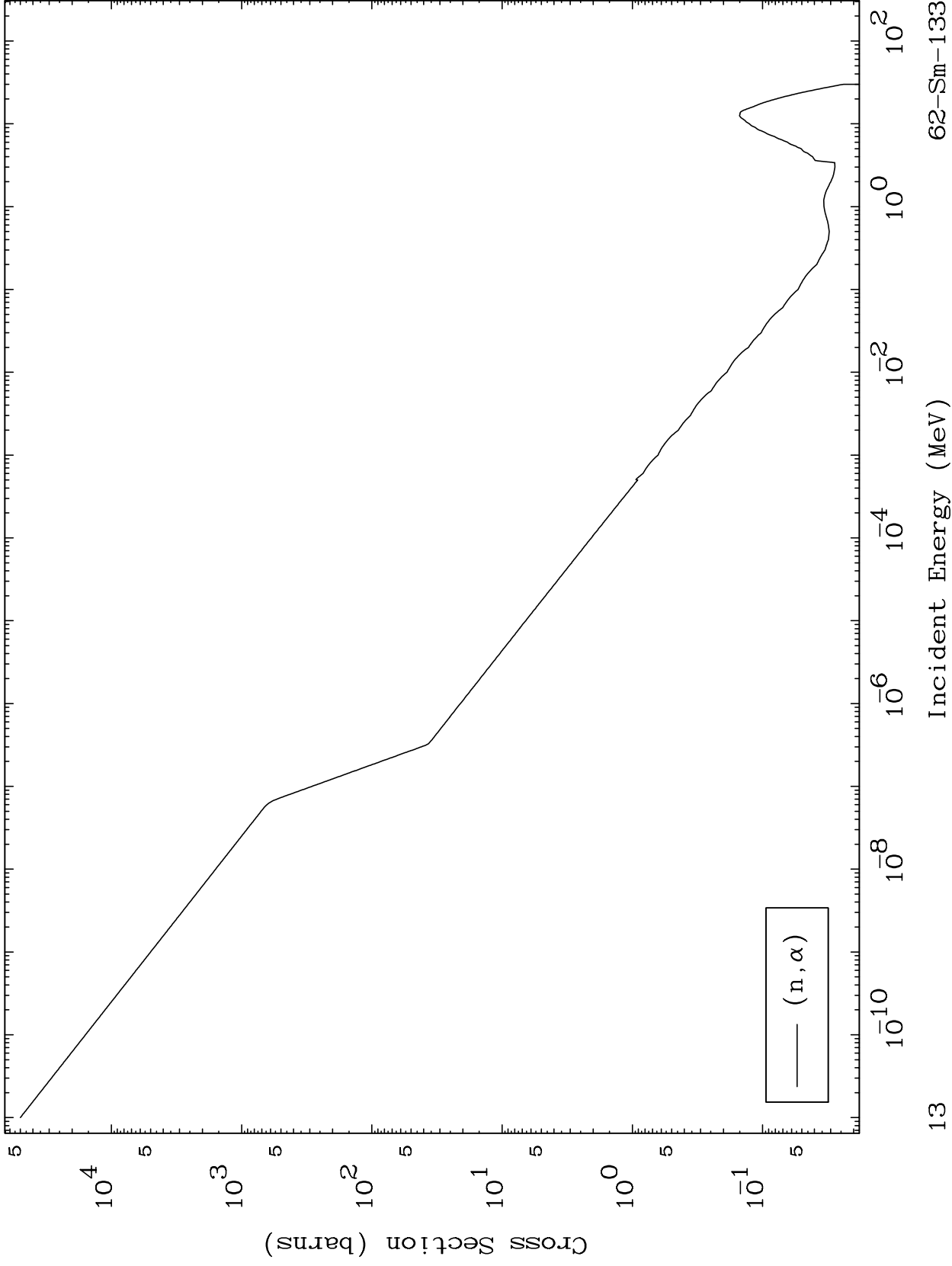
62-Sm-133

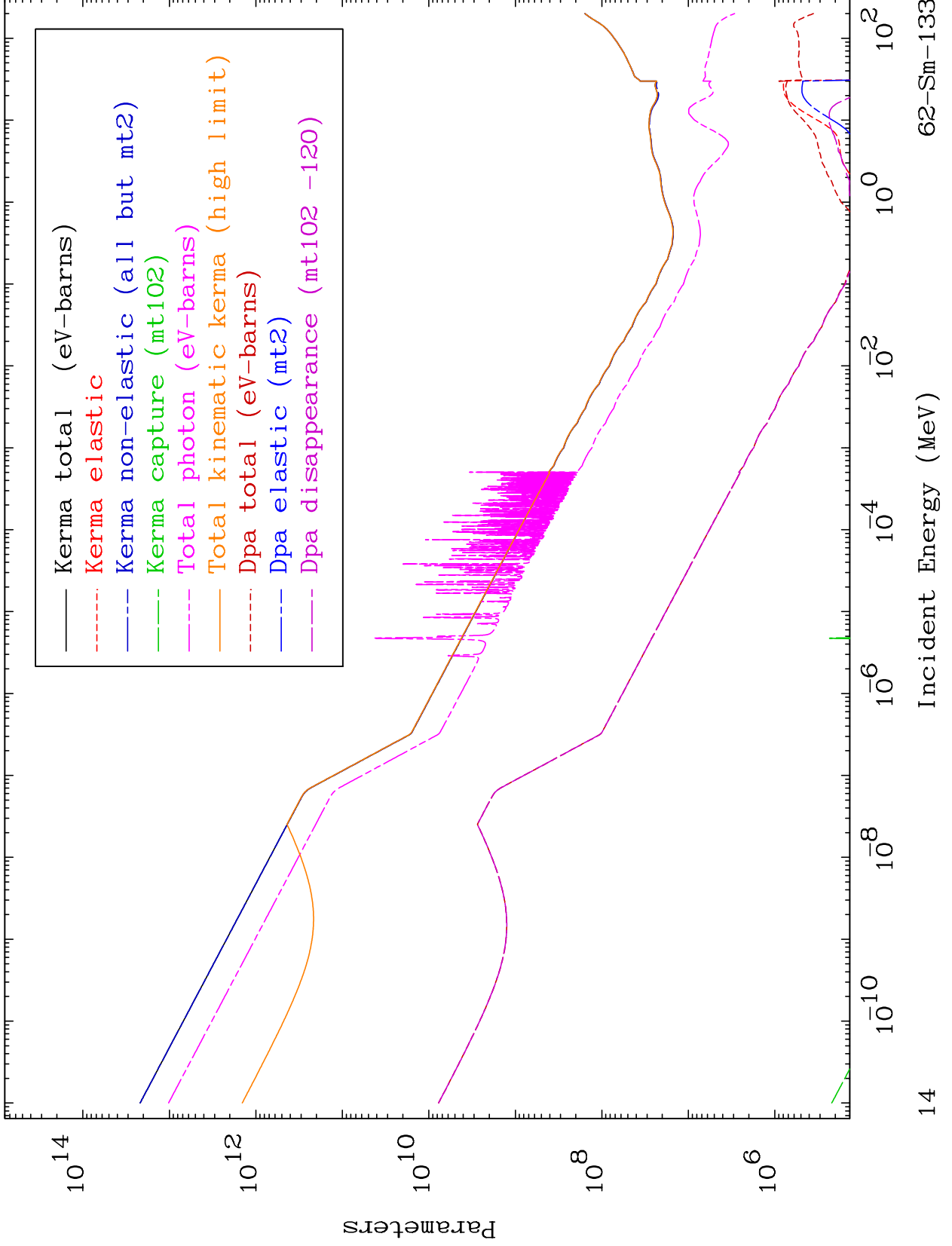


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(n, α) Levels
293 Kelvin Cross Sections

62-Sm-133

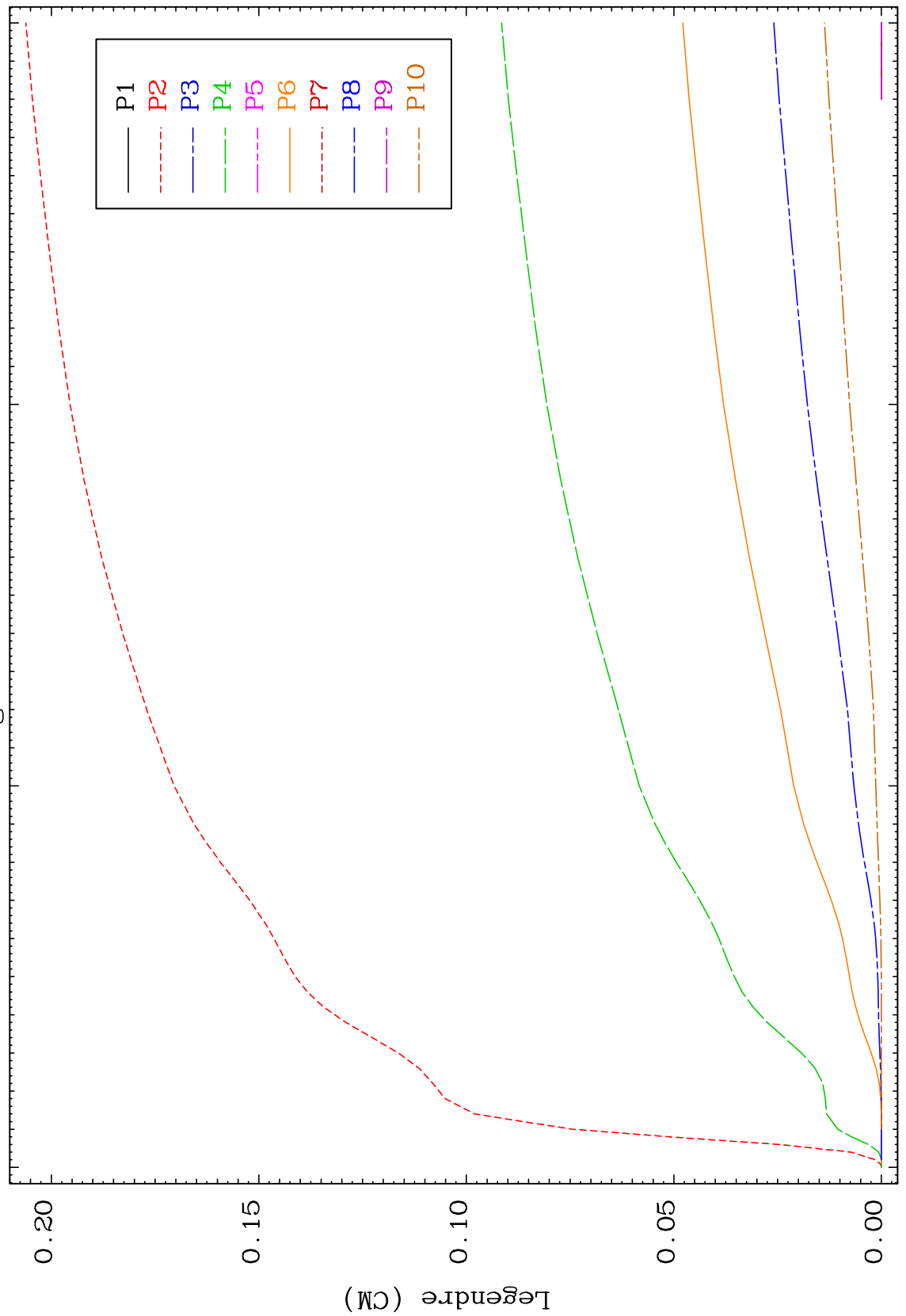




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Elastic Legendre Coefficients

62-Sm-133



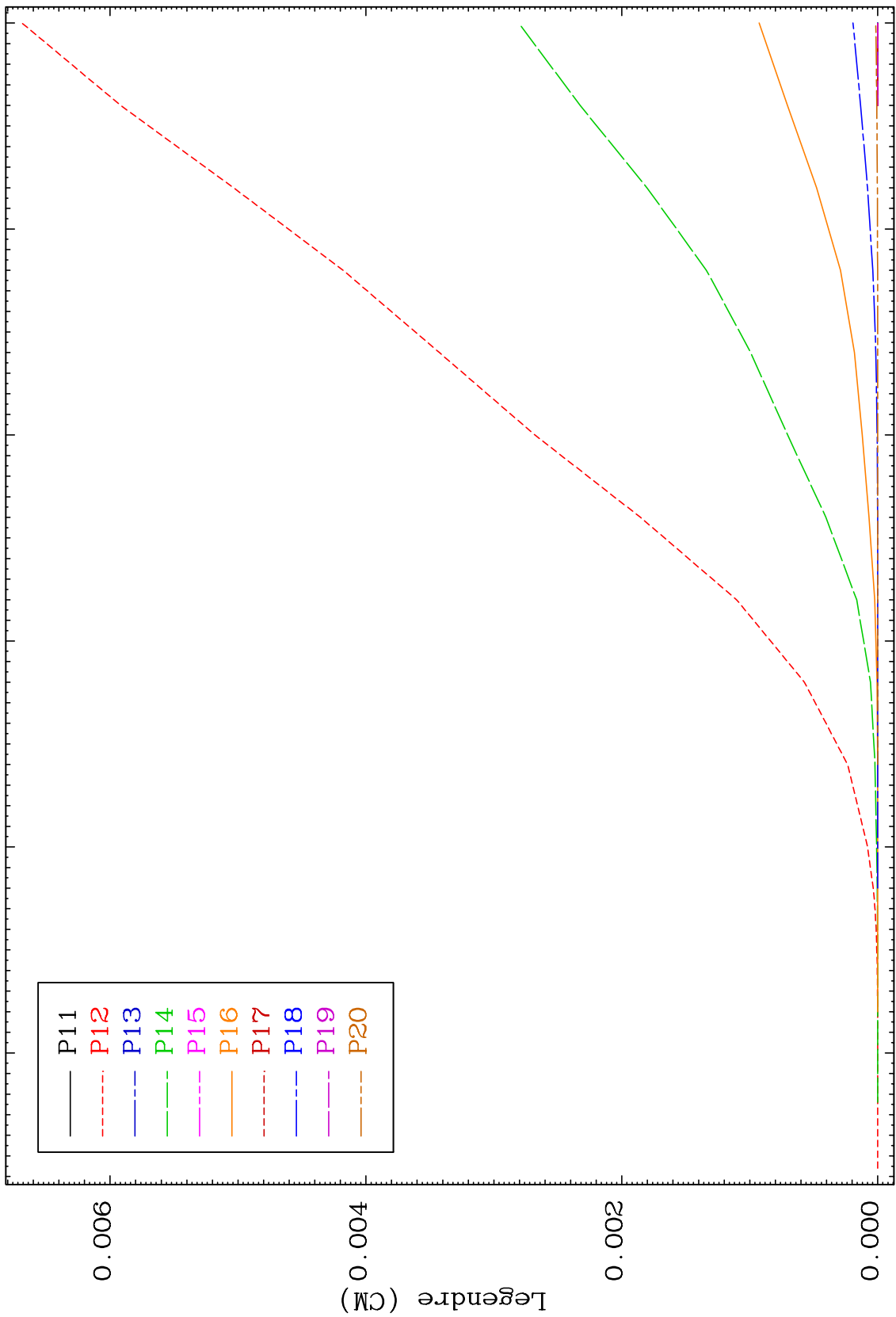
Incident Energy (MeV)

62-Sm-133

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Elastic Legendre Coefficients

62-Sm-133



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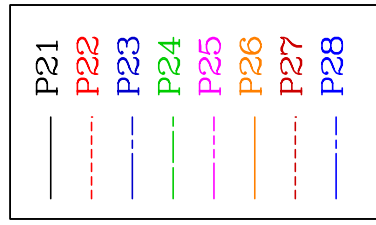
Incident Energy (MeV)

62-Sm-133

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Elastic Legendre Coefficients

62-Sm-133



$\times 10^{-7}$

Legendre (CM)



17

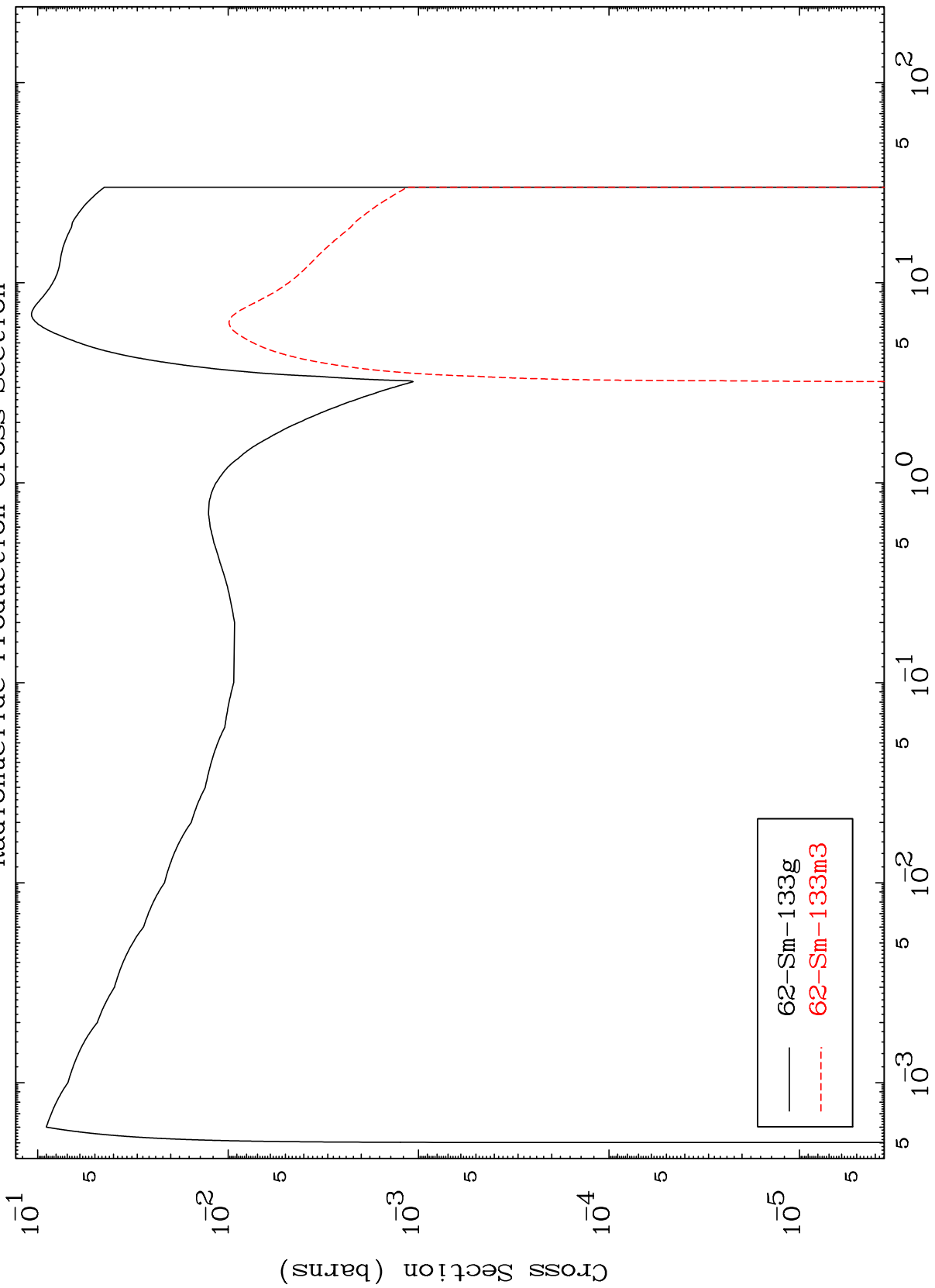
Incident Energy (MeV)

62-Sm-133

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62-Sm-133

Inelastic
Radionuclide Production Cross Section



— 62-Sm-133g
- - - 62-Sm-133m3

Incident Energy (MeV)

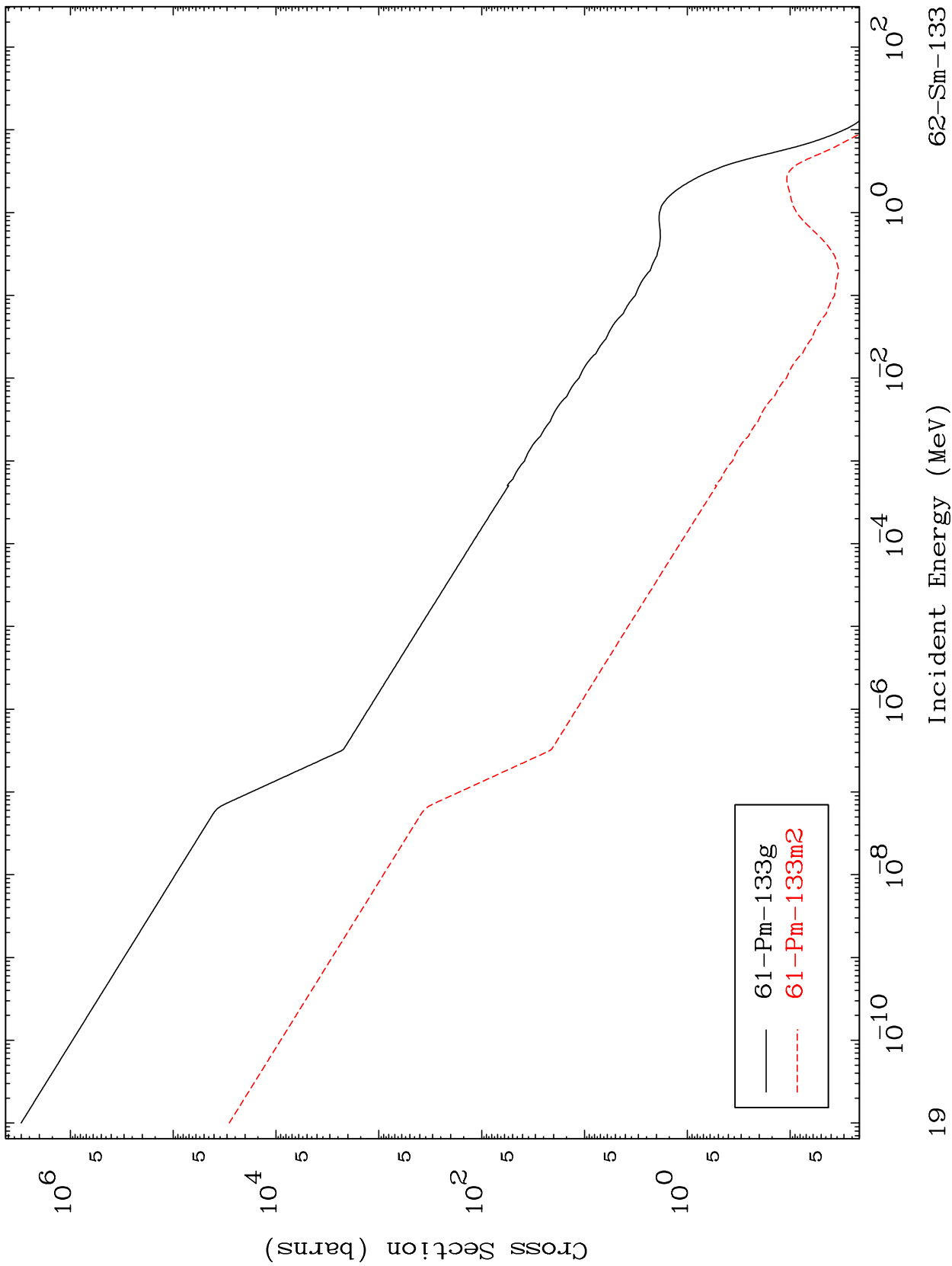
62-Sm-133

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62-Sm-133

(n,p)
Radionuclide Production Cross Section

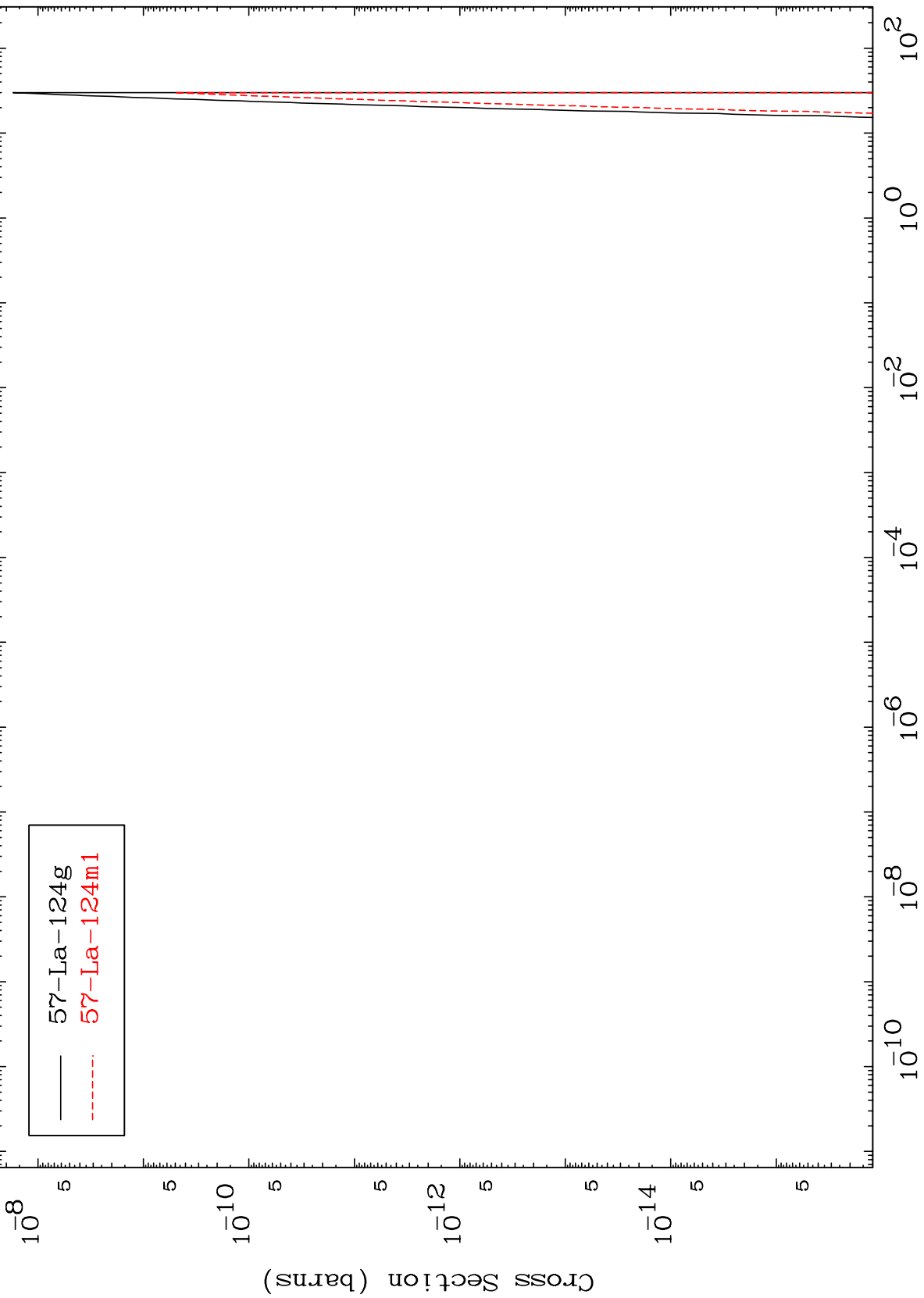


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(n,d) 2 α

62-Sm-133

Radionuclide Production Cross Section



— 57-La-124g
- - - 57-La-124m1